

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces and supersedes all prior listings.

Listing of claims:

Claims 1-7 (Canceled)

Claim 8 (Withdrawn): A composition comprising a mixture of acrylic or methacrylic compounds containing 1 to 35% by weight epoxy (meth)acrylates, based on the total quantity of acrylic or methacrylic compounds, the mixture being obtainable by a process comprising the following steps carried out consecutively:

- a) esterifying one or more hydroxyl compounds (I) with acrylic acid and/or methacrylic acid,
- b) optionally adding more acrylic acid and/or methacrylic acid, and
- c) reacting the excess acrylic acid and/or methacrylic acid with one or more epoxides in the presence of the esterification product from step a).

Claim 9 (Withdrawn): The composition according to claim 8, wherein the hydroxyl compounds (I) in step a) are selected from reaction products of polyols with α,ω -dicarboxylic acids.

Claim 10 (Withdrawn): The composition according to claim 8, wherein the hydroxyl compounds (I) in step a) are selected from reaction products of addition products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with α,ω -dicarboxylic acids.

Claim 11 (Withdrawn): The composition according to claim 8, wherein the hydroxyl compounds (I) in step a) are selected from reaction products of addition

products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with adipic acid.

Claim 12 (Withdrawn): The composition according to claim 8, wherein the mixture of acrylic or methacrylic compounds contains 5 to 25% by weight of the epoxy (meth)acrylates.

Claim 13 (Withdrawn): The composition according to claim 8, wherein the one or more epoxides are selected from the group comprising polyglycidyl compounds of bisphenol A, glycidyl ethers of polyfunctional alcohols, and diepoxides.

Claim 14 (Withdrawn): A radiation-curable coating composition comprising a composition according to claim 8.

Claim 15 (Currently amended): A flatting composition comprising:

(A) a coating component comprising a mixture of acrylic or methacrylic compounds containing 1 to 35% by weight epoxy (meth)acrylates, based on the total quantity of acrylic or methacrylic compounds, the mixture being ~~obtainable~~ obtained by a process comprising the following steps carried out consecutively:

- a) esterifying one or more hydroxyl compounds (I), comprising the reaction product of one or more polyols with one or more α,ω -dicarboxylic acids in a molar ratio of polyol:dicarboxylic acid of about 2:1, with acrylic acid and/or methacrylic acid in an amount sufficient to esterify substantially all free hydroxyl groups,
- b) optionally adding more acrylic acid and/or methacrylic acid, wherein an excess of acrylic acid and/or methacrylic acid is present after steps a) and b), and
- c) reacting ~~the~~ said excess acrylic acid and/or methacrylic acid with one or more epoxides in the presence of the esterification product from step a);
and

(B) 0.01 to 20% by weight, based on the weight of the flatting compositions as a whole, of a dimerdiol component comprising one or more dimerdiol (meth)acrylates with a degree of esterification of at least 50%.

Claim 16 (Previously presented): The flatting composition according to claim 15, wherein the mixture of acrylic or methacrylic compounds in the coating component (A) contains 5 to 25% by weight of the epoxy (meth)acrylates.

Claim 17 (Cancelled)

Claim 18 (Previously presented): The flatting composition according to claim 15, wherein, in component (A), the hydroxyl compounds (I) in step a) are selected from reaction products of addition products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with α,ω -dicarboxylic acids.

Claim 19 (Previously presented): The flatting composition according to claim 15, wherein, in component (A), the hydroxyl compounds (I) in step a) are selected from reaction products of addition products of 1 to 10 mol ethylene oxide onto glycerol or trimethylol propane or a combination thereof with adipic acid.

Claim 20 (Previously presented): The flatting composition according to claim 15, wherein the dimerdiol (meth)acrylates of component (B) have a degree of esterification of at least 80%.

Claim 21 (Previously presented): The flatting composition according to claim 15, wherein the dimerdiol (meth)acrylates of component (B) have a degree of esterification of at least 92%.

Claim 22 (Previously presented): The flatting composition according to claim 15, wherein the one or more epoxides of component (A) are selected from the group comprising polyglycidyl compounds of bisphenol A, glycidyl ethers of polyfunctional alcohols, and diepoxides.

Claim 23 (Previously presented): The flatting composition according to claim 15, wherein the dimerdiol component (B) is present in the amount of 2 to 15% by weight, based on the weight of the flatting composition as a whole.

Claim 24 (Previously presented): The flatting composition according to claim 15, wherein the dimerdiol component (B) is dimerdiol diacrylate.

Claim 25 (Withdrawn): A glass material coated with the flatting composition according to claim 15.

Claim 26 (Withdrawn): A process for the production of a mixture of acrylic or methacrylic compounds, comprising carrying out the following steps consecutively:

- a) esterifying one or more hydroxyl compounds (I) with acrylic acid and/or methacrylic acid,
- b) optionally adding more acrylic acid and/or methacrylic acid, and
- c) reacting the excess acrylic acid and/or methacrylic acid with one or more epoxides in the presence of the esterification product from step a),

in a manner and with amounts of reactants such that the resulting product contains 1 to 35% by weight of epoxy (meth)acrylates, based on the total quantity of acrylic or methacrylic compounds.